



MQS

TE Internal #: 1473244-1  
81 Position Housing, Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 2.54 mm / 2.9 mm [.1 in / .11 in] Centerline, Sealable, Black

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Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



Number of Positions: 81  
Connector & Housing Type: Housing for Female Terminals  
Mating Tab Width: .63 mm, 2.8 mm [.025 in, .11 in]  
Connector System: Wire-to-Board, Wire-to-Device  
Centerline (Pitch): 2.54 mm, 2.9 mm [.1 in, .11 in]

[All MQS, CONNECTOR HOUSING \(338\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Device
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	81
Number of Rows	4

Body Features

Cable Exit Angle	90°
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Primary Product ColorBlack

Contact Features

Contact Size	.63mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	.63 mm, 2.8 mm[.025 in][.11 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.54 mm, 2.9 mm[.1 in][.11 in]
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Dimensions

Row-to-Row Spacing	2.54 mm, 5 mm[.1 in][.19 in]
Product Width	31 mm[1.22 in]
Product Length	76.4 mm[3 in]
Connector Height	37.4 mm[1.47 in]

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	30
Packaging Method	Tray

Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance

For compliance documentation, visit the product page on TE.com>




EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

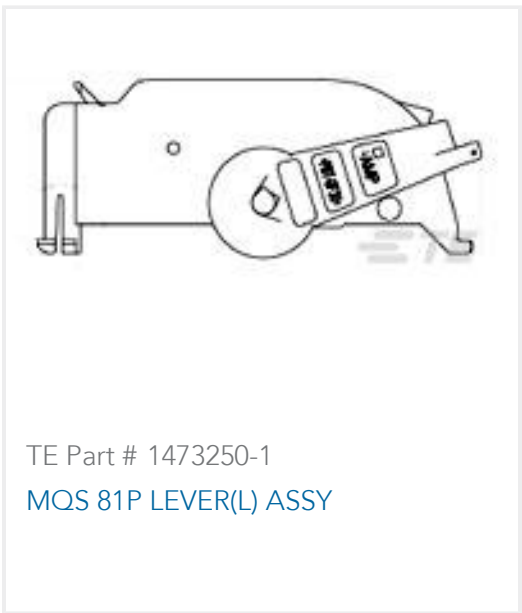
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>


Compatible Parts




TE Part # 368380-1  
SEAL RETAINER FOR 81P BLACK



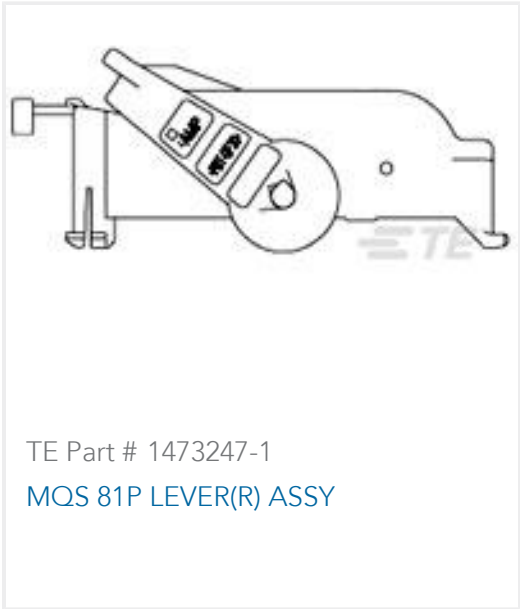
TE Part # 1473250-1  
MQS 81P LEVER(L) ASSY




TE Part # 368382-1  
MQS RETAINER HSG FOR 81P




TE Part # CAT-T4827-T273  
TIMER, RECEPTACLE AND TAB



TE Part # 1473247-1  
MQS 81P LEVER(R) ASSY



TE Part # CAT-HPCH5372  
High Pin Count Header



TE Part # 1473247-2  
MQS 81P LEVER(R) ASSY

Customers Also Bought



TE Part #1473244-3  
MQS/JPT 81POS PLUG ASSY

TE Part #2177587-2  
12POS NANO MQS TL PLUG HOUSING, CODE B

TE Part #EK4844-000  
91H1-21-14-1-ZN-HE300

TE Part #936054-1  
CAVITY PLUG(ECU 40P&81P ASSY)

TE Part #7-2151163-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-055F080F

TE Part #590760-000  
ES-CAP-HW-NO.3-0-45MM-ST

TE Part #1473139-1  
SQUIB 11DIA MK-2 PLUG HSG

TE Part #1318758-2  
025/090 ECU PLUG HSG ASSY 30P

TE Part #1473250-1  
MQS 81P LEVER(L) ASSY

TE Part #1-1418790-1  
COVER,MQS,2X4POSN.

Documents

Product Drawings  
MQS REC 81P ASSY

Japanese

- CAD Files
- Customer View Model  
ENG\_CVM\_CVM\_1473244-1\_A1.3d\_stp.zip
- English
- Customer View Model  
ENG\_CVM\_CVM\_1473244-1\_A1.3d\_igs.zip
- English
- 3D PDF
- 3D
- Customer View Model  
ENG\_CVM\_CVM\_1473244-1\_A1.2d\_dxf.zip
- English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Application Specification

English

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese